

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 8/25/2020

Water Supplier

Supplier Name: City of Woodland

Supplier Participants: Matthew Cohen

Validator

Validator: Colin Stief

Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from the AWWA California Nevada Section

Key Audit Metrics

Certification Statement by Validator

Data Validity Score: 71

ILI: 5.45

Real Loss: 74.16 gal / conn / day

Apparent Loss: 6.90 gal / conn / day

Non-Revenue Water as Percent of Cost of Operating System: 7.0%

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name:

City of Woodland

Water Supplier Public Water System ID:

CA5710006

Water Audit Period:

2019 Calendar Year

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

The City improved its customer meter accuracy by continuing to replace old/inaccurate meters.

Woodland continued to replace older and higher risk water mains as budget allowed in 2019 and will continue to do so.

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

Tim Busch

Executive Position:

Principal Utilities Civil Engineer

Signature:



Date

09/01/2020